

FIRST PROFESSIONAL M.B.B.S. DEGREE EXAMINATION, JULY 2008**ANATOMY—Paper II**

Time : Three Hours

Maximum : 50 Marks

*Answer Sections A and B in separate answer-books.**Draw diagrams wherever necessary.**Question I should be answered first in the response sheet provided.***Section A**

I. Multiple Choice Questions (separate sheet attached) : (10 × ½ = 5 marks)

II. Describe the liver under the following headings :—

- (a) Lobes.
- (b) Peritoneal folds and other relations.
- (c) Hepatic segments.
- (d) Blood supply.
- (e) Applied aspects.

(2 + 4 + 2 + 1 + 1 = 10 marks)

III. Write briefly on :

- (a) Interior of larynx.
- (b) Third ventricle of brain.

(2 × 5 = 10 marks)

Section B

IV. Write short notes on :

- (a) Second part of duodenum.
- (b) Microscopic structure of kidney.
- (c) Diaphragmatic muscles of neck.
- (d) Spermatic cord.
- (e) Tympanic membrane.

(3 × 5 = 15 marks)

V. Write short notes :

- (a) Ansa cervicalis.
- (b) Dangerous area of face.
- (c) Recto-uterine pouch.

(2 × 3 = 6 marks)

VI. Draw neat labelled diagrams of :

- (a) Cross section of medulla at the level of pyramidal decussation.
- (b) Stomach bed.

(2 × 2 = 4 marks)

I. MULTIPLE CHOICE QUESTIONS

ANATOMY—Paper II

Note.—(1) *Do not write anything on the question paper.*

(2) *Write your register number on the answer-sheet provided.*

(3) *Select the most appropriate answer and encircle the alphabet against each question in the answer-sheet provided.*

(4) *In the answer-sheet enter the total number of your answers in the appropriate box provided.*

(5) *Each question carries ½ mark.*

1. Jugulo-diagnostic lymph nodes are the chief nodes of :

- | | |
|--------------------------|-------------|
| (A) Tonsils. | (B) Larynx. |
| (C) Submandibular gland. | (D) Tongue. |

2. Hiatus semilunaris receives the drainage from the following paranasal air sinus :

- | | |
|-----------------------|--------------------------|
| (A) Middle ethmoidal. | (B) Sphenoidal. |
| (C) Maxillary. | (D) Posterior ethmoidal. |

3. Primary auditory area is located in the following gyrus :

- | | |
|-----------------------|------------------------|
| (A) Angular. | (B) Supramarginal. |
| (C) Inferior frontal. | (D) Superior temporal. |

4. The formation of portal vein occurs at the following vertebral level :

- | | |
|--------------------|-------------------|
| (A) 12th Thoracic. | (B) First lumbar. |
| (C) Second lumbar. | (D) Third lumbar. |

5. The dilation of the following vein leads to internal haemorrhoids :

- | | |
|----------------------|------------------------|
| (A) Middle rectal | (B) Inferior rectal. |
| (C) Superior rectal. | (D) Internal pudental. |

6. The ligamentum teres lies in the following peritoneal fold :

- | | |
|--------------------------------|-----------------------------|
| (A) Falciform ligament. | (B) Gastrosplenic ligament. |
| (C) Median umbilical ligament. | (D) Lesser omentum. |

7. Nucleus ambiguus gives fibres to the following cranial nerves :

- | | |
|-----------------------|-----------------------|
| (A) 7th, 9th, 10th. | (B) 7th, 8th and 9th. |
| (C) 6th, 7th and 8th. | (D) 9th, 10th, 11th. |

8. Trigone of the urinary develops from :
- (A) Paramesonephric duct. (B) Alantois.
(C) Mesonephric duct. (D) Urogenital sinus.
9. Cortex of suprarenal gland develops from :
- (A) Neural crest. (B) Intermediate mesoderm.
(C) Paraxial mesoderm. (D) Endoderm.
10. Otic ganglion supplies parasympathetic fibres to the following gland :
- (A) Submandibular. (B) Lacrimal.
(C) Parotid. (D) Sublingual.

(10 × ½ = 5 marks)